

006250" 0407950

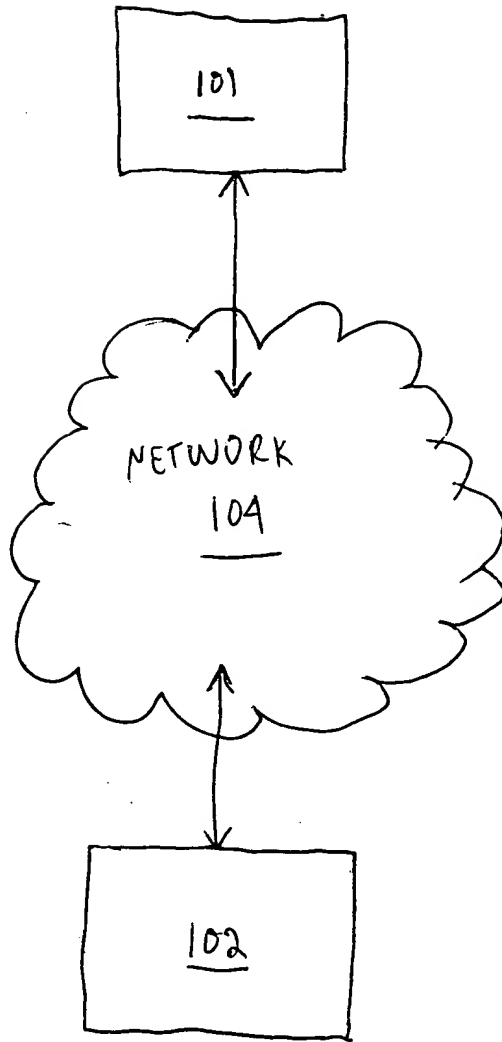
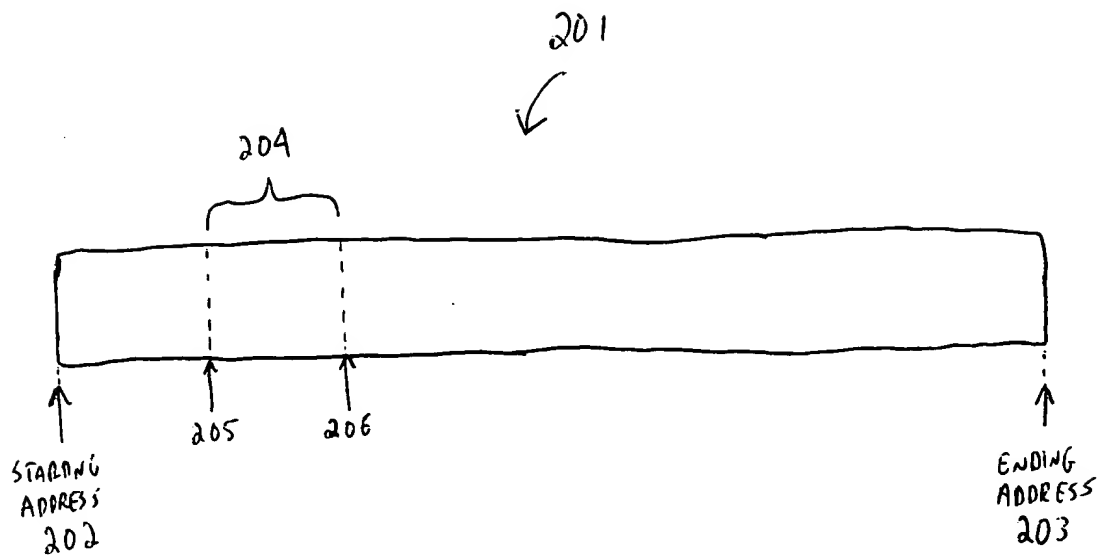


FIGURE 1

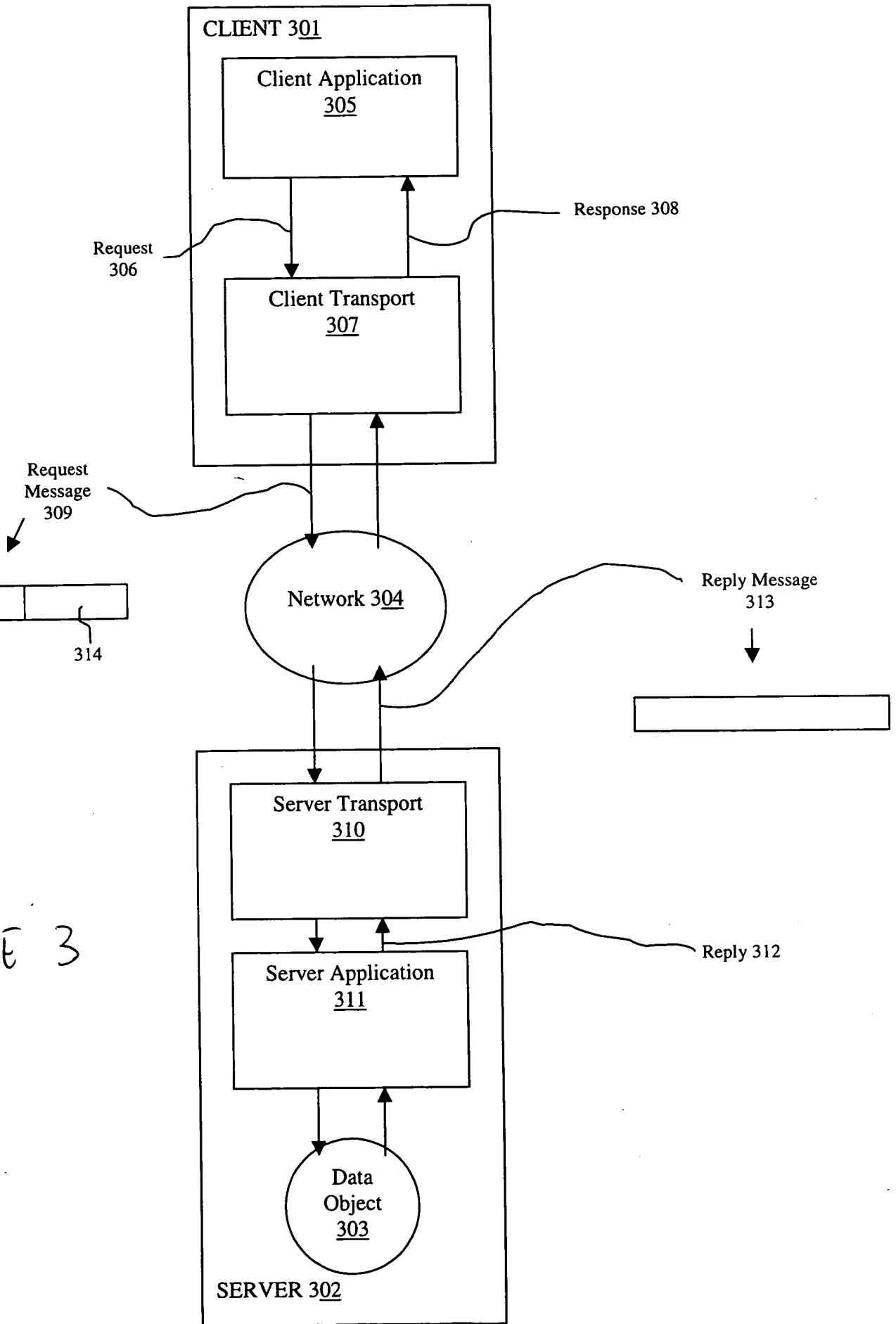


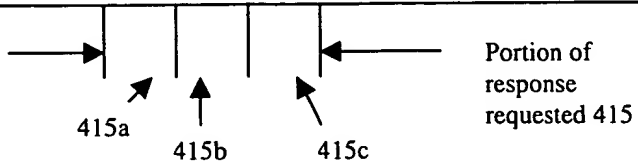
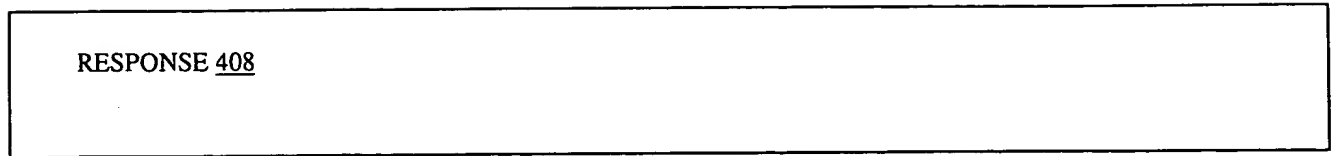
00677040-092900

FIGURE 2

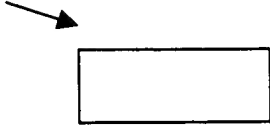
006260" 040/2960

FIGURE 3





Request
Message
409



005250"04042960
BURST 410

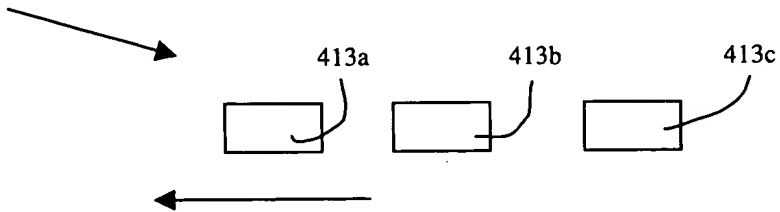


FIGURE 4

005250 0402950

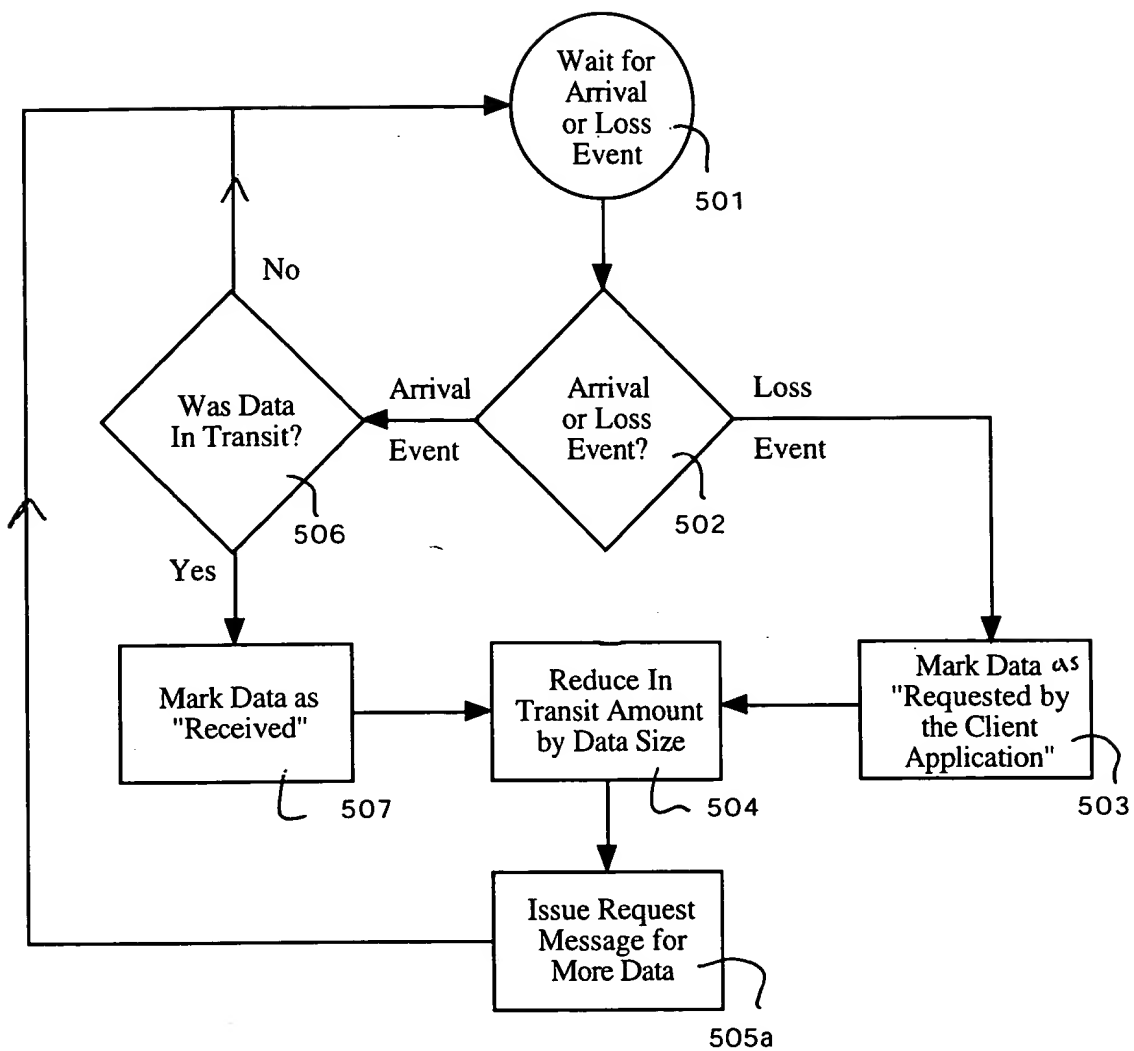


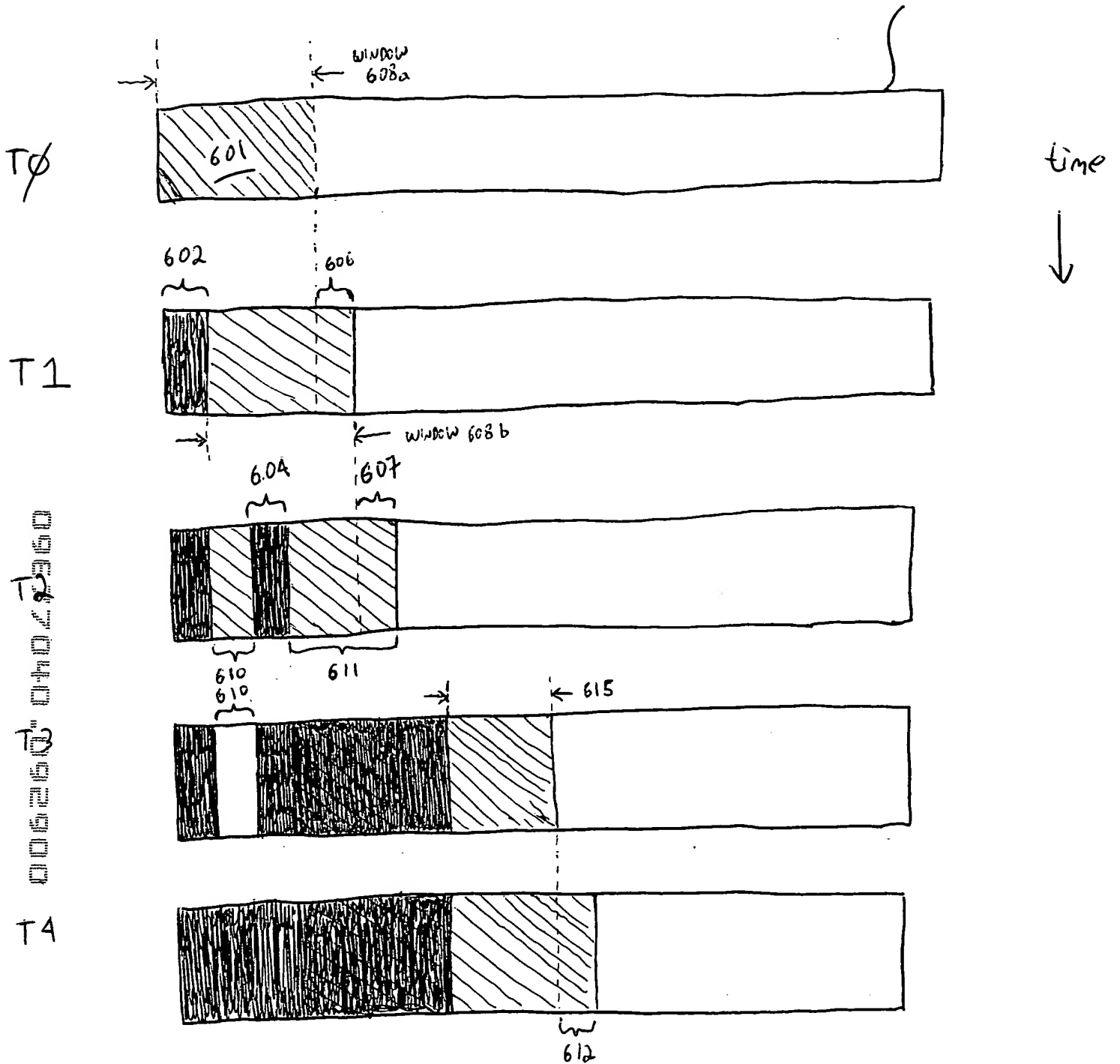
Figure 5a

```

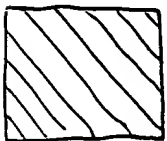
graph TD
    Start(( )) --> InTransitAmount((In Transit Amount))
    InTransitAmount --> Decision{Is In Transit Amount Less Than Window Size?}
    Decision -- No --> Wait((Wait for Arrival or Loss Event))
    Wait --> Decision
    Decision -- Yes --> FindEarliest[Find Earliest Contiguous Portion of "Requested" Data]
    FindEarliest --> SCalc[S = Minimum of  
a) Portion Size  
b) Window Size - In Transit Amount  
c) Client Burst Limit  
d) Server Burst Limit]
    SCalc --> SendRequest[Send Request Message for First S bytes of Portion]
    SendRequest --> MarkInTransit[Mark Requested Data "In Transit"]
    MarkInTransit --> IncreaseAmount[Increase In Transit Amount by S bytes.]
    IncreaseAmount --> Decision
    
```

Figure 5b

ENTIRE RESPONSE



REQUESTED BY THE CLIENT APPLICATION



IN TRANSIT



RECEIVED

FIGURE 6

006260" 04022960

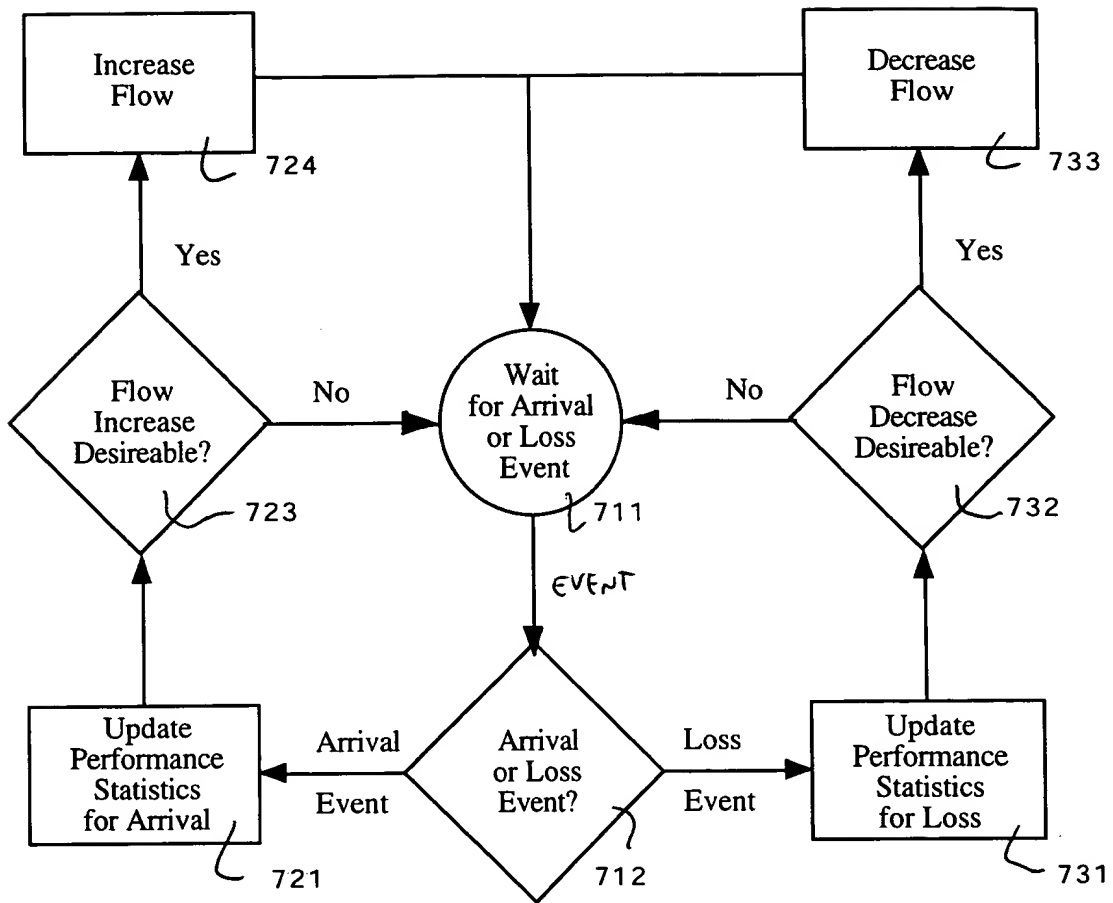


Figure 7

006260" 0404960

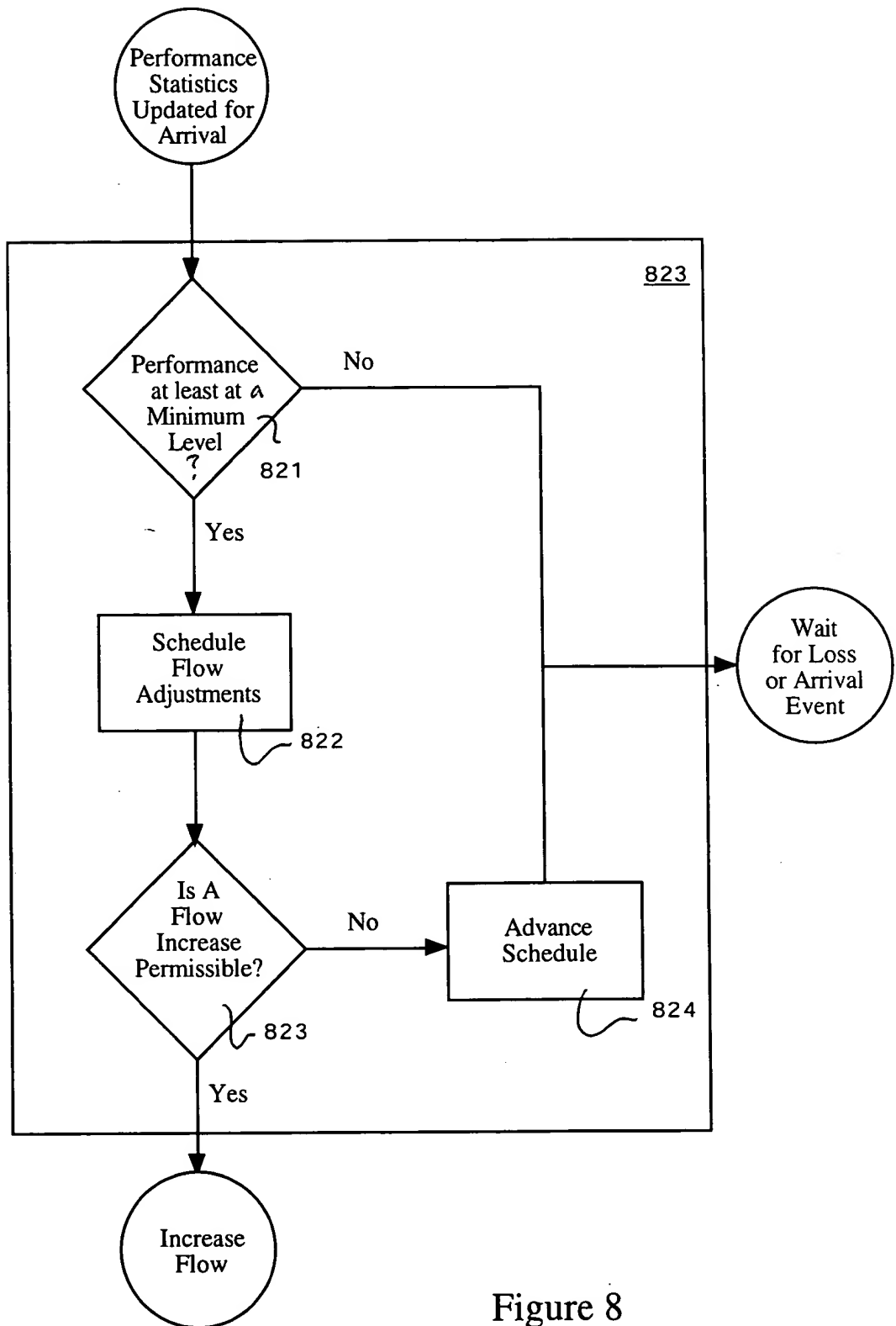


Figure 8

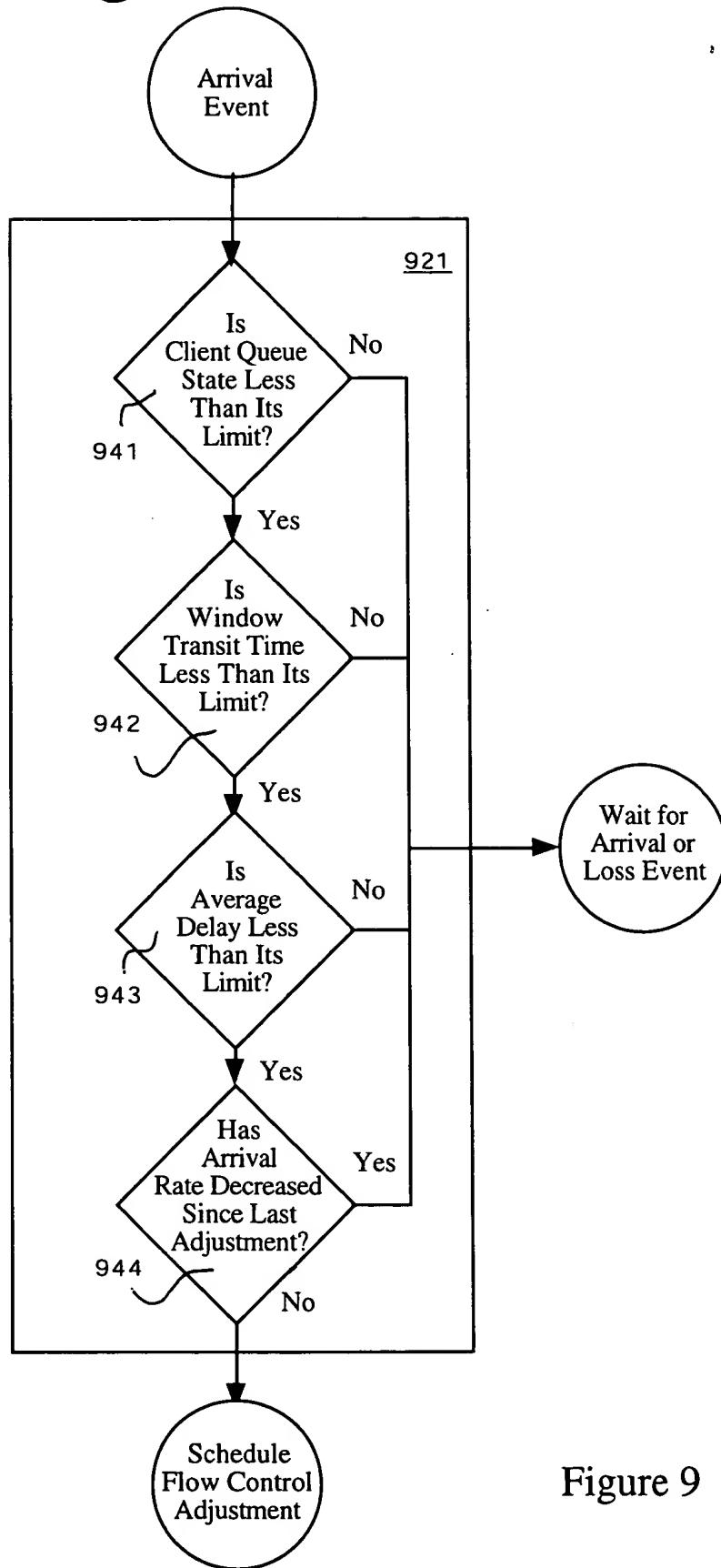


Figure 9

0067040-092900

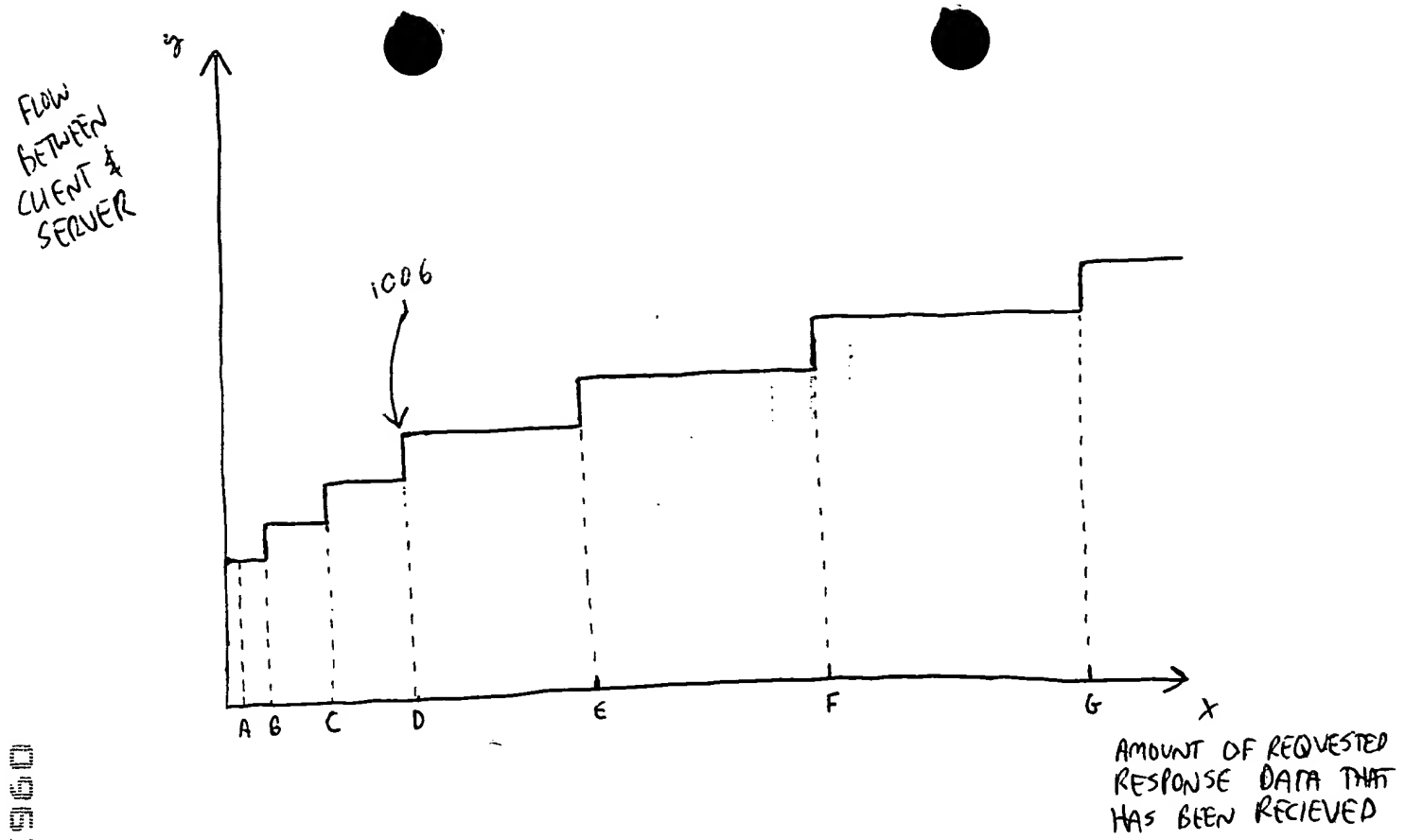


FIGURE 10A

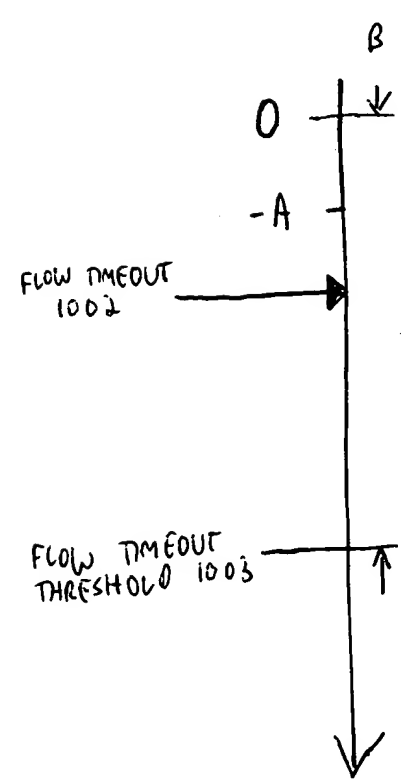


FIGURE 10B

005250" 0404950

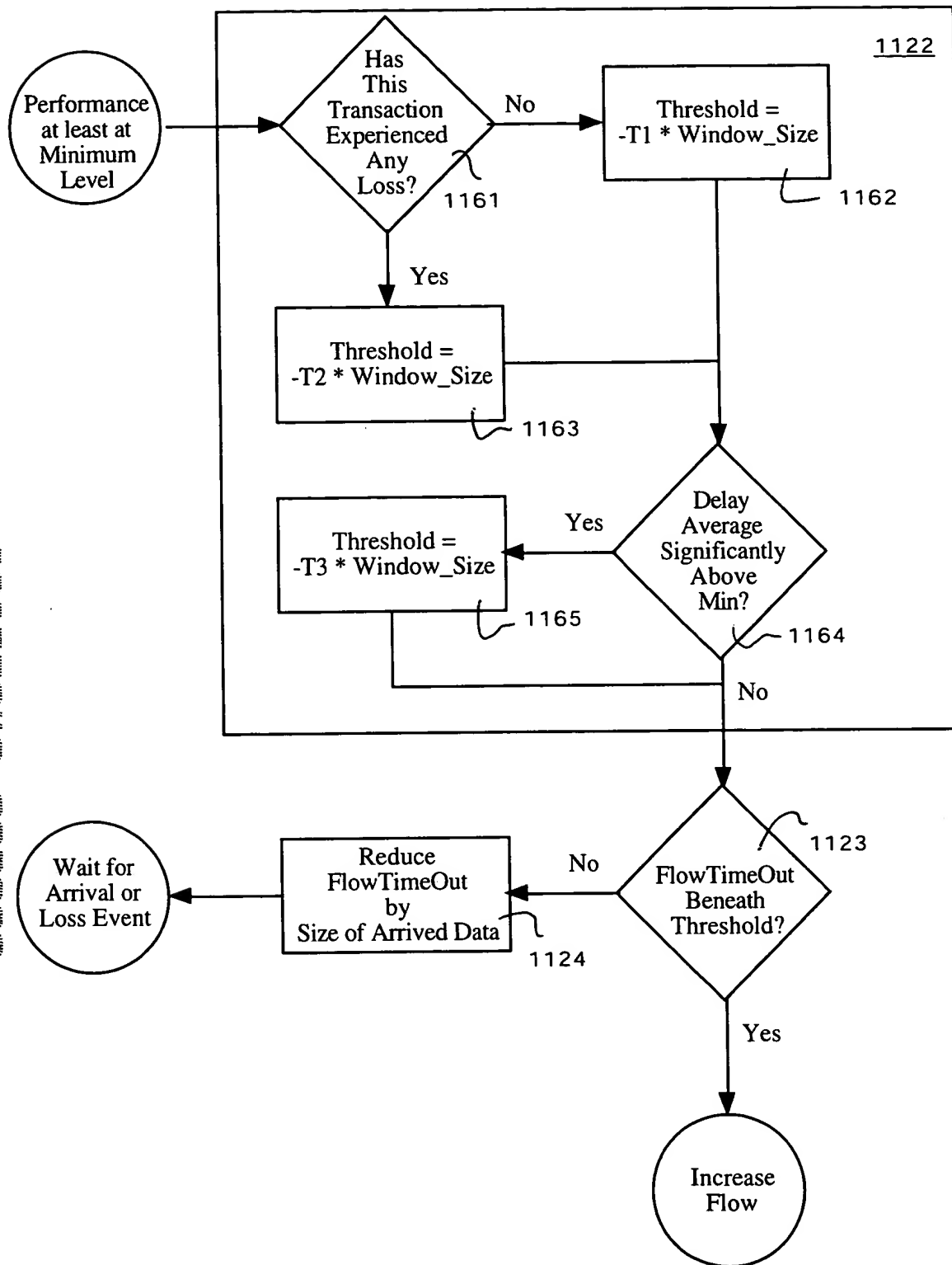


Figure 11

006260" 04022950

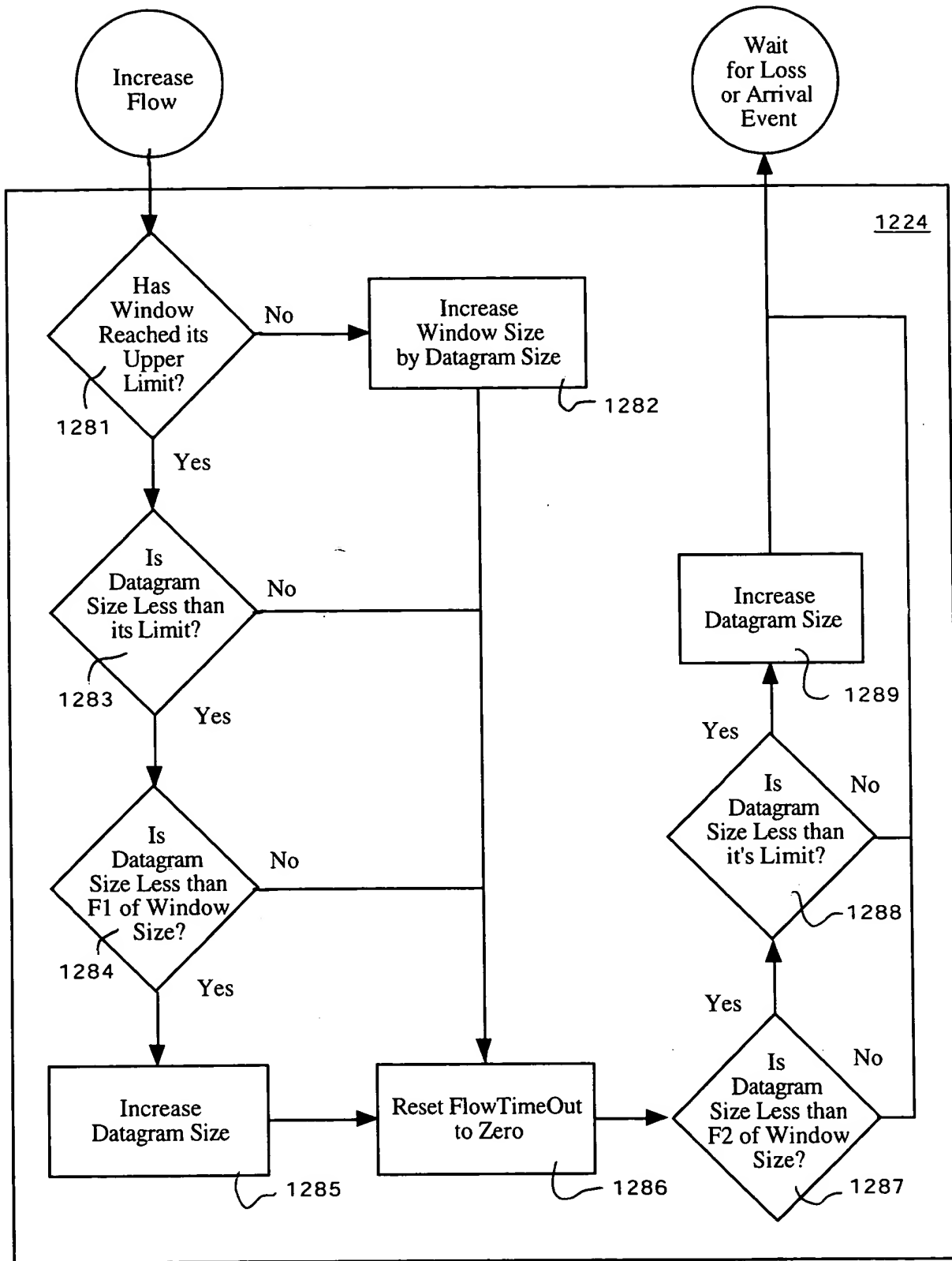


Figure 12

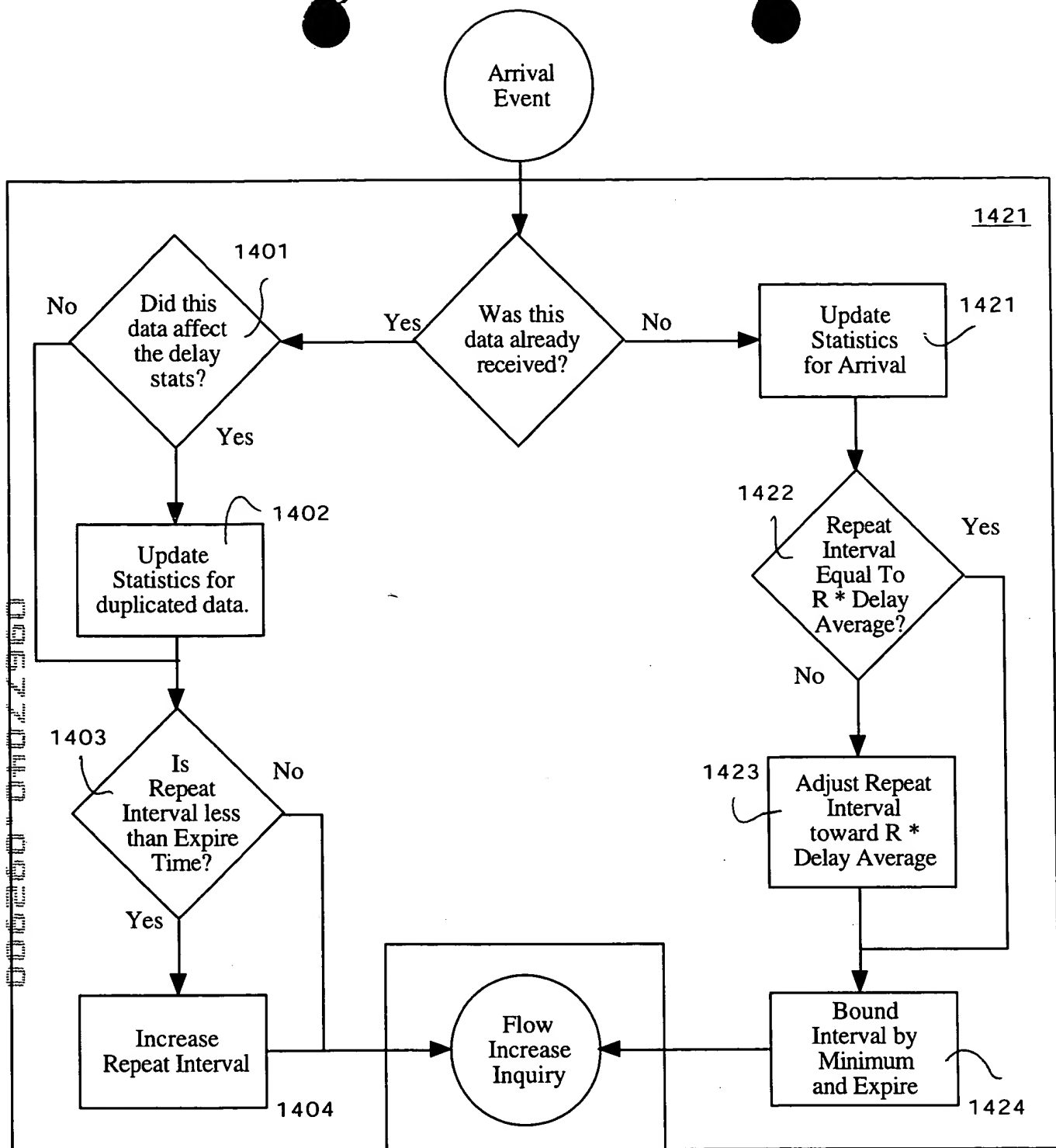


Figure 14